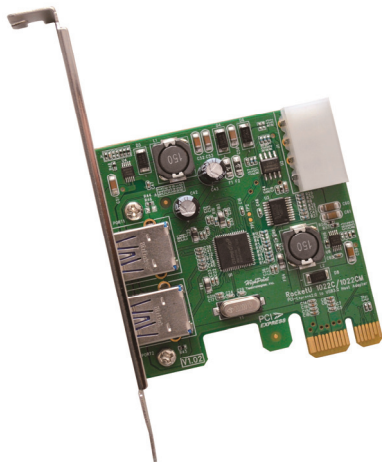


# RocketU 1022C Host Controller



## Quick Installation Guide

V1.0

Jan. 21, 2013

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# HighPoint RocketU 1022C

## The Industry's best USB 3.0 upgrade for any PC

The RocketU 1022C can be easily installed into any free PCIe 2.0/1.0 x1, x4, x8 or x16 slot, and is natively supported by Windows 8 and Linux distributions that utilize kernel v2.6.31 and later.

## Fully Compliant with standard USB 2.0/3.0 Devices

In addition to high-performance storage devices, the RocketU 1022C's 2nd generation USB 3.0 architecture supports industry standard USB 2.0 and 3.0 peripherals, such as device hubs, card readers and interface devices.

## Key Features

- PCI-Express 2.0 x1
- 2 USB 3.0 ports with Type A connectors (female)
- 5Gb/s transfer bandwidth
- Optimized for all USB 3.0 storage devices
- Backwards compatible with USB 2.0 & 1.1
- Hot-Swap and Hot-Plug
- Compliant with xHCI (Extensible Host Controller Interface) Specification
- Supports Windows 8, 7, 2008, Vista
- Linux kernel v2.6.31 and later.

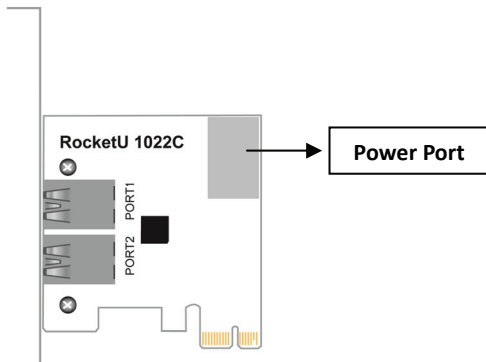
## Kit Contents

- RocketU 1022C host controller
- Software CD

- Quick Installation Guide
- Low Profile Bracket

## Board Layout

### RocketU 1022C PCB board Layout



## Installing the RocketU Series Host Adapter

***Note: Make sure the system is powered-off before installing the RocketU series host adapter.***

1. Open the system chassis and Locate an unused PCI-Express ×1 (x4, ×8 and ×16) slot.
2. Remove the PCI-Express slot cover.
3. Gently insert the RU series into the PCI-Express slot, and secure the bracket to the system chassis.
4. Insert a standard 4-pin Molex 8981 power connector (female) into the power port of the RocketU 1022C. This connector type is commonly used with SATA hard drives, and is included with nearly all desktop PCs.
5. After installing the adapter, attach the hard disks or disk enclosure to the RU series card using the USB cables.
6. Close and secure the system chassis.

## Driver Installation (Microsoft Windows)

### Install Driver From Software CD

1. Insert the HighPoint Software CD into the CD/DVD drive.
2. On the Start menu, select “Control Panel”.
3. Select the “Hardware and Sound” tab and select the 'Device Manager' button.
4. For Windows OS: Expand the 'Universal Serial Bus Controllers' entry. Right click on 'ASMedia xHCI Controller' item.
5. Select 'Update Driver Software' item.

6. Browse to the software CD folder:  
\\RocketU\\RU1022x\_114x\\Windows
7. You can click the Setup.exe icon in the driver folder to install RocketU 1022C driver automatically.  
**Note: ASMedia ASM1042x driver was embedded into Windows 8 OS.**

### Verify Installation of the Software

1. On the Start menu, select 'Control Panel'.
2. Open on the 'System' applet (You may first have to select 'Switch to Classic View').
3. Select the 'Hardware' tab → 'Device Manager' button.
4. For Windows OS: expand the 'Universal Serial Bus Controllers' entry. Right-click on 'ASMedia xHCI Controller'.
5. Select 'Properties' → 'Driver' tab → 'Driver Details' button. The following file should be displayed, then installation was successful:  
- 'system32\\DRIVERS\\asmtxhci.sys'

### Connecting USB Storage Devices

1. Make sure the RocketU 1022C has been installed into your PC.
2. Connect the USB device to the HighPoint RocketU HBA with USB 3.0 cables.
3. Allow the drives/enclosure to spin up for a few moments. Once the devices are ready, they will be recognized by the operating system and can be accessed as needed.

## Customer Support

If you encounter any problems while utilizing the RocketU series host adapter, or have any questions about this or any other HighPoint Technologies, Inc. product, feel free to contact our Customer Support Department.

Web Support: <http://www.highpoint-tech.com/websupport/>

HighPoint Technologies, Inc. websites:

<http://www.highpoint-tech.com>

## **FCC Part 15 Class B Radio Frequency Interference statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **European Union Compliance Statement**

This Information Technologies Equipment has been tested and found to comply with the following European directives:

- European Standard EN55022 (1998) Class B
- European Standard EN55024 (1998)

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